



**US Army Corps  
of Engineers®**



## **Leland Harbor, MI**

### **Harbor Features**

- Located on the east shore of Lake Michigan at the mouth of the Carp River, about 40 miles north of Frankfort, MI and 40 miles southwest of Charlevoix, MI.
- Authorization: River & Harbor Acts of 30 Aug 1935, 23 Oct 1962.
- Shallow Draft recreational harbor.
- Project depth between 6 - 12 feet.
- Over 4 acres of maintained Federal channel.
- More than 1,200 feet of breakwaters, and 470 feet of piers.
- Serves as Harbor of Refuge.
- Dredged material is placed along the beach as beach nourishment.
- Major stakeholders include the Leland Ferry Service, National Park Service, Leland Township, Michigan DNR and Leelanau County.

### **Project Needs**

- Requires annual maintenance dredging of approximately 15,000 cubic yards.
- Navigation structures are primarily maintained by Government floating plant.

### **Consequences of Not Maintaining the Project**

- Loss of jobs locally.
- Loss of recreational and charter fishing in the area.



### **Transportation Importance**

- This project serves as an important Harbor of Refuge as well as charter fishing and recreational navigation interests.
- The local community has established a significant infrastructure around the harbor facilities that generates income from harbor users and visitors to the area.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2007, 2008 and 2009  
Leland Harbor, MI - Project Needs and President's Budget (\$1,000)**

<b>Work Package</b>	<b>FY07 Need</b>	<b>FY07 Work Plan</b>	<b>FY08 Need</b>	<b>FY08 Budget</b>	<b>FY09 Need</b>	<b>FY09 Budget*</b>
Project Condition Surveys	10	0	15	0	18	
Maintenance Dredging – Primary Work Package	100	0	175	0	183	
<b>TOTALS</b>	<b>110</b>	<b>0</b>	<b>190</b>	<b>0</b>	<b>201</b>	

\* FY09 President's Budget will be available in February 2008